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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,600	07/09/2003	Atsushi Onoc	4105-18	8289

23117 7590 09/04/2007  
NIXON & VANDERHYE, PC  
901 NORTH GLEBE ROAD, 11TH FLOOR  
ARLINGTON, VA 22203

EXAMINER
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HALEY, JOSEPH R

ART UNIT	PAPER NUMBER
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2627

MAIL DATE	DELIVERY MODE
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09/04/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10615600	7/9/2003	ONOE ET AL.	4105-18

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**EXAMINER**

Joseph Haley

**ART UNIT****PAPER**

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20070817

**DATE MAILED:**

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**Commissioner for Patents**

In response to applicant's argument of the Reasons for Allowance that " Independent claims 16 and 20 and the claims that depend therefrom do not include the features of the first electrode noted in the reasons for allowance and thus these claims should not in any way be construed as including, or being limited to, such features". However, the examiner maintains these reasons for allowance because it is clear from claims 16 and 20 that the first electrode passes through the first and second surfaces of the supporting member (substrate). The first electrode from the claim also clearly extends to the tip through a centrally formed opening.

  
**DWAYNE BOST**  
**SUPERVISORY PATENT EXAMINER**

jrh